

SEQUENCE LISTING**(1) GENERAL INFORMATION:****(i) APPLICANT:**

- (A) NAME: Wake Forest University
- (B) STREET: Medical Center Boulevard
- (C) CITY: Winston-Salem
- (D) STATE: North Carolina
- (E) COUNTRY: USA
- (F) POSTAL CODE (ZIP): 27157-1023

(ii) TITLE OF INVENTION: INACTIVATION OF HIV CO-RECEPTORS AS THERAPY FOR HIV INFECTION

(iii) NUMBER OF SEQUENCES: 6

(iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(vi) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: US 60/032,277
- (B) FILING DATE: 02-DEC-1996

(2) INFORMATION FOR SEQ ID NO: 1:**(i) SEQUENCE CHARACTERISTICS:**

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
1 5

(2) INFORMATION FOR SEQ ID NO: 2:**(i) SEQUENCE CHARACTERISTICS:**

- (A) LENGTH: 29 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

TTAAGCTTCG CGCCATGAAC GCCAAGGTC

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 37 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

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37

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 60 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

TTTTCTAGAT TAAGCATAAT CTGGAACATC ATACGGATAC TTGTTTAAAG CCTTCTCCAG

60

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 51 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

TTTTCTAGAT TACAGCTCGT CCTTCTCGCT AGCATAATCT GGAACATCAT A

51

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Ser Glu Lys Asp Glu Leu

1

5

SEQUENCE LISTING

<110> CHEN, Si-Yi
 YANG, An-Gang
 BAI, Xuefan
 CHEN, Ji-Dai
 Wake Forest University

<120> INACTIVATION OF HIV CO-RECEPTORS AS THERAPY FOR HIV
 INFECTION

<130> 0443-2U2

<140> Not Yet Assigned

<141> 1999-05-27

<150> PCT/US97/22198

<151> 1997-12-02

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